

BURNDY 12

TWO AUTOGRAPH MANUSCRIPTS

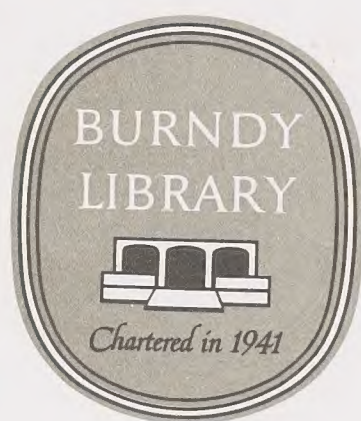
BY

SIR ISAAC NEWTON

Burndy #12

MSS 1007 B

RE NMAH



Gift of
BERN DIBNER

Take on ounce and $\frac{1}{2}$ of gold & an ounce of Dubell
Refined Silver 1 $\frac{1}{2}$ of an ounce of Dubell Refined Silver
as much as will ly a round broad shilling and as
much allumponum & as much folioto & as much Antimony
put it in a Crucible and let it almost boyle then
make a hole throw a another Crucible and put a top to
let it smoke out have a Roane of y^e steam for it is
poyson

R \odot $\frac{3}{4}$ double refined \odot $\frac{3}{4}$, double refined Copper $\frac{3}{4}$, as much Arsenick
as will ly upon a broad shilling, & as much Pheme Alumne, & as much
 \odot & as much \odot . Put them all into a X^{ble} & let them almost boyle.
Then make a hole in y^e bottom of another X^{ble} & cover them with it that
y^e smoke may go out through y^e hole & beware of y^e steam for it is
poyson.

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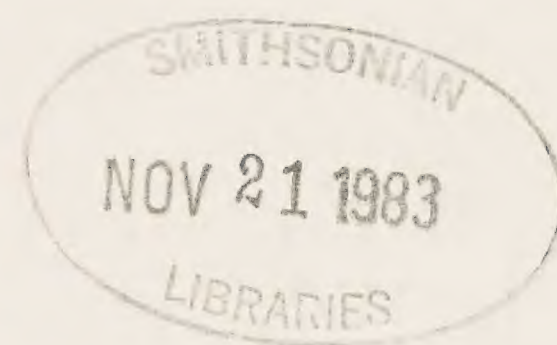
Materia sublimatur in furnum album, Invenitur passim emulur apud Pharmacopolas, optima invenitur in mineris anni idq. mensis Julio & Augusto, Ceteris anni temporibus debiliior est et minus efficax, libra materiae ^{apud} Ungaricae dat tres uncias, sublimati albi, libra materiae vulgaris dat quatuor uncias, sed Ungaricam sublimatum nobilior est et maioris virtutis & per 4 sublimationes in aquam resolvitur, ~~libra~~ sublimatum vulgare indiget sublimationibus 12 vel 15 ut in aquam resolvatur. In hoc sublimato continentur tria principia. Et primo prodit aqua sive φ us deinde per φ extrahitur φ et φ sublimatum primum album est et stypticum instar pyri immaturi. Caput mortuum rejicitur et ex hoc sublimato elicuntur 3^a principia, uti recte docet Basiliius. Three parts of φ extracts two of φ & one of φ . The φ must be rectified till it become a fine water & stay below without rising any more & then it must be volatized by means of the φ .

This matter is ^{a mineral stone} black like lead ore & heavy but not so heavy the heavier the better. It is sometimes of a colour inclining to gray but that is not so good. The Hungarian is black some found in England is gray. The matter must be ground ^{upon a stone to a fine powder} in a mortar, & then sublimed, & the sublimated ~~matter~~ corroborated 4 or 5 times upon φ caput mort (ground) till it have drawn all φ spirit out of every time to a fine powder. The caput mort & leave φ caput in form of a gray light powder. In φ 1st subl. φ matter rises like a white ^{styptic} salt with a little moisture. In φ following sublimations φ moisture increases till it dissolve all the salt & wash it into φ Rect. In every sublimation φ liquor grows stronger till it have drawn out all φ spirit from φ earth. Which was done in ^{or 3} sublimations. And φ of liquor drawn from 7 parts of matter weighed $8\frac{4}{5}$ ounces. This liquor is rectified with a very gentle heat & first there rises a dry white salt then a liquor running down in veins with dissolving φ salt & lastly the flegm with breaks of veins into drops & as soon as φ veins break the Distillation must cease.

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Newton, I.
Chemical notes.
[1660-1727?]
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